BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Consultancy Services for preparation of **Surveys, Designs, Drawing, Estimate Preparation etc.,**(Detailed Project Report) for the work of balance works in Hoysala Playground and Construction of Samudhaya Bhavan in judicial layout in Ward No.04, Yelahanka

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
							Estimate Cost Rs		19600000.00
1	Supply and fixing of single skin kalzip roofing systems of 65/400, 0.9mm thick Aluminium standing seam roof sheets. The sheets comprise of Profiled sheeting of Aluminium self-supported standing seam roof system manufactured from Aluminium alloy AA 3004, minimum material thickness of 0.9mm and PVDF finishing RAL 9006 on the exposed surface with ST clips and necessary accessories. Structure: (i) Supplying, cutting, bending and fabricating hot rolled plates, sag rods, brackings and connection bolts to form a column, truss with base plates and purlins. (ii) Erection of the above truss work structure at required height. (iii) Providing and applying one coat of red oxide primer and two coats of synthetic enamel paint. The scope of work includes: a) Design, Engineering, Fabrication and erection of steel structure, roof sheeting and facade system. b) Supply and installation of flashing, capping, screws and all other necessary accessories.	Sqm							
			1	45.00	7.40		333.00		
2	Removing and resetting footpath slab (P.no.256,I no.37.56 of P&IWTD SR 2018/19)	Sqm				Sqm	333.00	15025.00	5003325.00
	Inside drains		1	550.00		1.20	660.00		
	Basic Rate	197.00				Sqm	660.00	212.76	140422.80
	Area Weightage @ 8%	15.76							
	Total	212.76							
3	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. **(P No. 143/ Item No. 19.1/PWD SR 2018-19)**	Cum							
	For stadium sump		1	4.00	3.00	3.50	42.00		
	Desilting for Inside stadium drains		1	550.00	0.90	0.45	222.75		
						Cum	264.75	140.40	37170.90
	Basic Rate	130.00							
	Area Weightage 8%	10.40							
	Total	140.40							
4	Providing and Fixing **pre cast covering Slab** made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	Sqm							
			1	165.00		1.20	198.00		
	For Missing top cover slabs (30%)					Sqm	198.00	2337.00	462726
	Basic Rate	2337.00							
5	b)Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.(P.No.14, I.No. 4.10 of PWD SR 2018-19)	Cum							
	For columns		11	0.45	0.45	1.00	2.23		
						Cum	2.23	6718.68	14985.36
	Basic Rate	6221.00							
	Area Weightage 8%	497.68							
	Total	6718.68							
6	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(P.No.18, I.No. 4.46.2 of PWD SR 2018-19)	Tonn							
			Qty	Kg/m3			Total kgs		
	For columns		2.23	120.00			267.30		
	For Stadium Sump		1.8	120.00			216.00		
							483.30		
						Tonn	0.48	76643.28	37041.70
	Basic Rate	70966.00							
	Area Weightage 8%	5677.28							
	Total	76643.28							
7	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square rectangular polygon in plan including cost of all materials, labour complete as per specifications.(P.No.16, I.No.4.32of PWD SR 2018-19)	Sqm							
	Columns		11	1.80		1.2	23.76		
						Sqm	23.76	492.48	11701.32
	Basic Rate	456.00							
	Area Weightage 8%	36.48							
	Total	492.48							
8	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs. Specification No. KBS 4.6.2 (P.No.16, I.No.4.29 of PWD SR 2018-19)	Sqm							
	For stadium sump Slab		1	3.46	2.46				

Transenergy Consultants Pvt. Ltd., Bangalore

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			100.00				100.00		
51	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B. 1.5 sqmm **SR No:8/2.6.2**	Mtrs				Mtrs	100.00	10.75	1075.00
			600.00				600.00		
52	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B 2.5 sqmm **SR No:8/2.6.3**	Mtrs				Mtrs	600.00	15.90	9540.00
			300.00				300.00		
53	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B..4 sqmm **SR No:8/2.6.4**	Mtrs				Mtrs	300.00	24.90	7470.00
			200.00				200.00		
54	Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF	Mtrs				Mtrs	200.00	36.30	7260.00
			300.00				300.00		
55	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm **SR No:62/7.1**	Mtrs				**Mtrs**	**300.00**	**54.00**	**16200.00**
			30.00				30.00		
56	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm **SR No:58/6.41.1**	Mtrs				Mtrs	30.00	345.00	10350.00
			75.00				75.00		
57	**P&S Submersible Single Phase Pumpset**					**Mtrs**	**75.00**	**2178.00**	**163350.00**
	Providing and Supplying Submersible single Phase 2.0 HP /1.5 KW 30 Stage Capacity Company for ATALANTA / SUGUNA / CRI / KIRLOSKAR / OTHER EQUIVALENT PUMPS.(KPWD SR 2018-19, P.No:XLIII, Sl.No.:17)	Nos							
	Stand by 1 Nos		2				2		
						Nos	**2**	**22237.2**	**44474.40**
	Basic Rate	20590							
	Area Weightage 8%	1647.2							
	Total	22237.2							
58	Electrification **& Automatic On/Off Sensor** system						2		
						Nos	**2**	**25000.00**	**50000.00**

Sub-Total (Civil)	10963272.71
Sub-Total (Electrical)	6856747.40
12% GST	1315592.73
DPR & PMC charges 2%	356400.40
Unforceen	7987.24
Grand Total	19500000.00

Asst. Engineer

Asst. Exe.Engineer
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

Executive Engineer
Yelahanka Zone
Bruhat Bangalore Mahanagara Palike

Executive Engineer 19/9/19
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Transheight Consultants

Technical Sanction
Accorded For Rs 195.00 lakhs only
Head of A/C P 3590
CER NO : 85 Dt: 20.09.2019

GE (YNK)

Approved by Major Works Committee
vide subject No: 32/2019-20
Dt 07/02/2020

TA

Administrative Approval
Accorded For Rs. 195.00 Lakhs only
Head of A/C P 3590
CER NO : 40 Dt: 18/02/2020

E.E. (Project)